

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03842

Rec'd PCT/PTO 04 MAR 2005

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 146 (P-1707), 10 March 1994 (1994-03-10) -& JP 05 323267 A (TOSHIBA CORP), 7 December 1993 (1993-12-07)	6
Y	abstract	9,10
A	figures 1-8	1,5,8
X	FR 2 806 230 A (FRANCE TELECOM) 14 September 2001 (2001-09-14)	6
A	page 1, line 30 -page 2, last line page 4, line 14 -page 6, last line; figures 1,2	1,5,8
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

4 December 2003

Date of mailing of the international search report

12/12/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 02 23794 A (GLUECKSTAD JESPER ;MOGENSEN PAUL CHRISTIAN (DK); FORSKNINGSCT RISO) 21 March 2002 (2002-03-21) abstract page 11, line 21 -page 15, line 35; figures 2,4 ---	6
P,X	WO 03 067797 A (KEVENAAR THOMAS A M ;TUYLS PIM T (NL); JOHNSON MARK T (NL); KONINK) 14 August 2003 (2003-08-14) cited in the application page 6, line 20 -page 15, line 14; figures 1-7C ---	6,8-10
Y	CA 2 214 190 A (BLOM MICHAEL ERNEST) 15 April 1999 (1999-04-15) page 3, line 7 - line 13 page 3, line 20 - line 24 page 4, line 1 -page 5, line 14 ---	9,10
A	US 5 970 146 A (BIEDERMANN DAVID A ET AL) 19 October 1999 (1999-10-19) column 2, line 50 - line 58 column 3, line 56 -column 4, line 5 column 4, line 21 - line 43 figures 1,2 ---	9,10
A	US 6 209 102 B1 (HOOVER DOUGLAS) 27 March 2001 (2001-03-27) cited in the application abstract column 2, line 1 -column 4, line 7 ---	9,10
A	WO 98 11275 A (FARIS SADEG M ;REVEO INC (US)) 19 March 1998 (1998-03-19) page 19, line 6 -page 20, line 21; claims 1,16,19; figures 2,2A,2B -----	1,3,5

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